

ABSTRACT OF THE DISCLOSURE

A protection relay for determining whether or not  
a faultal point of a power system exists in a predeter-  
mined range, comprises filter section for inputting  
5 sampling data of a voltage and a current in the power  
system to a digital filter having a predetermined  
transfer function and outputting a first voltage data  
and a first current data, and a second voltage data and  
a second current data normal to the first voltage data  
10 and the first current data, respectively, calculator  
for calculating a predetermined measurement value based  
on the first and second voltage data, and the first and  
second current data at a first time and the first and  
second voltage data, and the first and second current  
15 data at a second time different from the first time,  
and operation decision section for performing  
an operation decision based on the predetermined  
measurement value obtained by the calculator.

TELETYPE RECORD